

## WEST Search History

DATE: Wednesday, October 09, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L10	l1 and (hair\$7 or keratin\$3)	120	L10
L9	l1 and (hair\$7 or keratin\$3)	120	L9
L8	l1 and (hair\$7 or keratin\$3)	120	L8
L7	l1 same (hair\$7 or keratin\$3)	1	L7
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L6	(l4 or l5) and l3	2	L6
L5	wheat germ extract	352	L5
L4	wheat germ near5 extract	513	L4
L3	((424/70.1)!.CCLS. )	1013	L3
<i>DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L2	wheat germ near5 extract	612	L2
<i>DB=DWPI,USPT,EPAB,JPAB; PLUR=YES; OP=ADJ</i>			
L1	wheat germ extract	377	L1

END OF SEARCH HISTORY

**WEST**☐ **Generate Collection** **Print**

L1: Entry 21 of 22

File: DWPI

May 24, 1995

DERWENT-ACC-NO: 1995-196026

DERWENT-WEEK: 200232

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TITLE: Prodn. of oenothien B from Epilobium parviflorum plants - by extraction, filtration, drying and chromatography, useful for treating acne, prostate cancer, androgenic alopecia etc.

INVENTOR: GOURVEST, J; KASAL, A ; LESUISSE, D ; TEUTSCH, J

PATENT-ASSIGNEE: HOECHST MARION ROUSSEL (HMRI), AVENTIS PHARMA SA (AVET),  
ROUSSEL-UCLAF (ROUS)

PRIORITY-DATA: 1993FR-0013623 (November 16, 1993), 1994FR-0013646 (November 15, 1994)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
FR 2712594 A1	May 24, 1995		020	C07H013/08
DE 69430079 E	April 11, 2002		000	C07H013/08
JP 07188275 A	July 25, 1995		010	C07H013/06
US 5525594 A	June 11, 1996		007	A61K031/70
EP 947522 A2	October 6, 1999	F	000	C07H013/08
DE 69423577 E	April 27, 2000		000	A61K031/70
EP 947522 B1	March 6, 2002	F	000	C07H013/08

DESIGNATED-STATES: CH DE FR GB IT LI NL CH DE FR GB IT LI NL

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
FR 2712594A1	November 16, 1993	1993FR-0013623	Div ex
FR 2712594A1	November 15, 1994	1994FR-0013646	
DE 69430079E	November 15, 1994	1994DE-0630079	
DE 69430079E	November 15, 1994	1999EP-0200220	
DE 69430079E		EP 947522	Based on
JP 07188275A	November 16, 1994	1994JP-0305664	
US 5525594A	November 14, 1994	1994US-0340025	
EP 947522A2	November 15, 1994	1994EP-0402575	Div ex
EP 947522A2	November 15, 1994	1999EP-0200220	
EP 947522A2		EP 657167	Div ex
DE 69423577E	November 15, 1994	1994DE-0623577	
DE 69423577E	November 15, 1994	1994EP-0402575	
DE 69423577E		EP 657167	Based on
EP 947522B1	November 15, 1994	1994EP-0402575	Div ex
EP 947522B1	November 15, 1994	1999EP-0200220	
EP 947522B1		EP 657167	Div ex

INT-CL (IPC): A61 K 31/045; A61 K 31/70; A61 K 35/78; C07 H 1/08; C07 H 13/06; C07 H 13/08

RELATED-ACC-NO: 1995-202230

ABSTRACTED-PUB-NO: EP 947522B

BASIC-ABSTRACT:

Prodn. of oenothain B (I) from willowherb (Epilobium parviflorum) plants comprises:  
(a) extracting the dried plant material with water or a mixt. of water and a water-miscible organic solvent; (b) filtering the extract and evaporating off any organic solvent; (c) freeze-drying the aq. phase or extracting it with a polar solvent and evaporating the extract to dryness; and (d) purifying the prod. on a reverse-phase HPLC column or a polymer gel column.

Pref., extraction is effected with aq. acetone.

USE - (I) has antitumour and antiviral activity and also inhibits testosterone 5-alpha-reductase, making it useful for treating androgen-dependent disorders e.g. benign prostatic hyperplasia, prostate cancer, acne, androgenic alopecia, seborrhoea and female hirsutism.

ABSTRACTED-PUB-NO: FR 2712594A

EQUIVALENT-ABSTRACTS:

Prodn. of oenothain B (I) from willowherb (Epilobium parviflorum) plants comprises:  
(a) extracting the dried plant material with water or a mixt. of water and a water-miscible organic solvent; (b) filtering the extract and evaporating off any organic solvent; (c) freeze-drying the aq. phase or extracting it with a polar solvent and evaporating the extract to dryness; and (d) purifying the prod. on a reverse-phase HPLC column or a polymer gel column.

Pref., extraction is effected with aq. acetone.

USE - (I) has antitumour and antiviral activity and also inhibits testosterone 5-alpha-reductase, making it useful for treating androgen-dependent disorders e.g. benign prostatic hyperplasia, prostate cancer, acne, androgenic alopecia, seborrhoea and female hirsutism.

US 5525594A

A method of inhibiting 5alpha-reductase in warm-blooded animals comprising administering to warm-blooded animals in need thereof an effective amount of oenothaine B to inhibit 5alpha-reductase.

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

DERWENT-CLASS: B04 D21

CPI-CODES: B14-A02; B14-D01A; B14-D05D; B14-H01B; B14-L06; D05-C; D08-B03; D08-B09A;